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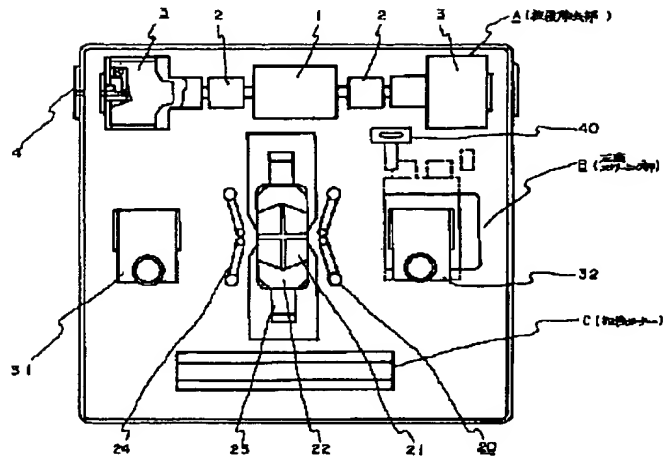
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TITLE : COLD-WELDING CONNECTING
DEVICE



ABSTRACT : PROBLEM TO BE SOLVED: To obtain a cold-welding connecting device provided with all of automatic or semi-automatic function of removing a coating of an electric wire, cold-welding, deburring a connected portion, testing strength of the connected portion, and applying insulation to the connected portion.

SOLUTION: A cold-welding connecting device comprises: a coating removing unit A for automatically peeling off a coating at an end of an electric wire; a press-contacting, deburring and screening unit B provided with a function of making the ends of a coating-removed conductor abut against each other so as to automatically connect them by cold-welding, function of automatically removing a burr generated by welding connection, and a function of automatically inspecting strength of the welding connected portion; and a heating unit C for contracting an insulating tube applied onto the welding connected portion so as to bring it into close contact with the electric wire.

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